

Appendix A
Bicycle User Survey
City of Long Beach

Name: _____ **Address:** _____

Date Completed: _____ **Age:** _____ **Sex:** _____

The City of Long Beach is developing a Bicycle Master Plan for a comprehensive and safe network of bikeways. This survey is intended to learn more about residents' preferences of bicycle routes and facility types.

1. Please rank your preference (1 through 3, 1 being highest) for:
off-street bike paths _____ on-street bike lanes _____ or, bike routes (local streets) _____
2. Describe your current level of bicycling:
At least 1x per day _____ 1 - 6x per week _____ 1-3x per month _____ Very rarely _____ Never _____
3. Describe your bicycle trip purpose. (Check all that apply)
Work _____ School _____ Shopping _____ Recreation/exercise _____ Other _____
4. How far do you live from work or school?
0-5 miles _____ 6-10 miles _____ 11 or more miles _____
5. Describe the reason you don't ride or ride more often: (Mark 1 as most important, 2...)
Concerns about safety _____ Lack of bikeways (e.g. paths, bike lanes, routes) to ride on _____
Lack of bicycle storage/parking _____ Weather/darkness _____ Need access to car _____
Other _____
6. On the back please describe or list the routes you bicycle on a regular basis including your destinations, plus other routes you know of that provide a good combination of directness and lower conflicts with the automobile. Feel free to attach extra sheets of paper or hand-drawn maps if preferred.
7. Identify the top five major constraints for bicycling in the City, such as specific intersections, stretches of road, lack of parking, lack of education, etc.
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____
8. Please identify the top five bicycle projects or programs you would like to see implemented in the City. For example, education, signs, safety, lanes or paths* (*indicate location).
 1. _____
 2. _____
 3. _____
 4. _____
 5. _____

THANK YOU. PLEASE RETURN YOUR SURVEY NO LATER THAN MONDAY MAY 1, 2000 TO:

City of Long Beach
Tim Lee
333 Ocean Boulevard
Long Beach , CA 90802
(562) 570-6173 phone (562) 570-7161 fax

Alta Planning
Leslie Scott
137 N. Oak Knoll Avenue #2
Pasadena CA 91101
(626) 304-0768 phone (626) 796-4178 fax

Appendix B

Survey Results

There were 56 surveys returned from either the workshops, mail or fax. In addition, the Long Beach Bicyclists submitted a formal letter with comments. Note: Comments from * Long Beach Bicyclists and ** City Council.

1. Please rank your preference:

RANKING	Off Street Bike Paths	On Street Bike Lanes	Bike Routes
1	38%	45%	34%
2	21%	34%	39%
3	36%	16%	18%
0	5%	5%	9%
Other Wide Curb	2%	0%	0%

2. Describe your current level of bicycling:

1 per day	1-6 per week	1-3 per month	Rarely	Never
23%	52%	16%	7%	2%

3. Describe your bicycle trip purpose

Work	School	Shopping	Recreation	Other
36%	29%	46%	71%	46%

4. How far do you live from work or school:

1-5 miles	6- 10 miles	11 or more miles	N/A
63%	13%	14%	11%

5. Describe your reason you don't ride or ride more often:

RANKING	Safety	Lack of Bikeways	Parking	Weather	Car
1	16%	32%	16%	18%	10%
2	18%	18%	4%	13%	9%
3	14%	7%	7%	9%	13%
4	9%	4%	4%	4%	2%
5	2%	2%	9%	0%	0%

As part of the survey, people were given the opportunity to list specific comments about constraints and opportunities. These comments have been organized by category: marketing or education, connectivity or multi-model, activity centers, maintenance, signage, signals or intersections, safety, parking and other.

MARKETING OR EDUCATION

Education to public and schools*	18%
Educate motorists	9%
General bicycle safety classes	2%
Bike route maps	7%
Marketing to courts	2%
General adult awareness campaigns*	5%

MULTIMODEL

Rack on buses*	9%
Bicycle parking at Metrolink	5%

ACTIVITY CENTERS

Colleges	12%
Queensway Bay	5%
City Hall	2%
Shopping Centers	2%
Libraries	4%
Long Beach Harbor	2%
Connectivity to Activity Centers*	4%

Appendix B

Survey Results (continued)

MAINTENANCE

Potholes (Woodruff and Los Coyotes)	2%
Maintain routes	4%
Resurfaced streets restriped with wider curb lane*	2%
Compaction standards to prevent asphalt sinking*	2%
Require prompt road repairs*	2%
Repairs made parallel to direction of travel*	2%
Resurface evenly to the curb*	2%
Upgrade and maintain railroad crossings*	2%
Replace storm sewer grates for bicyclists*	2%
Develop and implement road hazard reporting system	2%

SIGNAGE

Directional Signs	2%
Driver awareness signs*	9%
General signs	7%
Riverbed signs*	9%

SIGNALS, INTERSECTIONS AND AUTO LANES

Widen curb lanes*	4%
Signal detectors sense bicycles*	9%
Bicycle emblem at signal detectors*	2%
Buttons for cyclists at intersection crossings	2%
More one way streets to make room for bike lanes	2%
Stop signs make it difficult	2%
Synchronize signals for bicyclists*	2%
Lengthen green signal time*	2%
All red signal phase for bicyclists to clear intersection*	2%

SAFETY

Street lights along routes	4%
Safety measures on LA river	2%
Traffic calming	7%
General safety	7%
Sharing close curb lane is dangerous	2%
Law enforcement*	4%

PARKING

Safe and secure bicycle parking*	7%
More bicycle parking*	14%
Bicycle parking at blue line*	2%
Bicycle parking at new residential developments*	2%
Less auto parking	2%
Prohibit pole, wave and wheel killer racks*	2%

OTHER

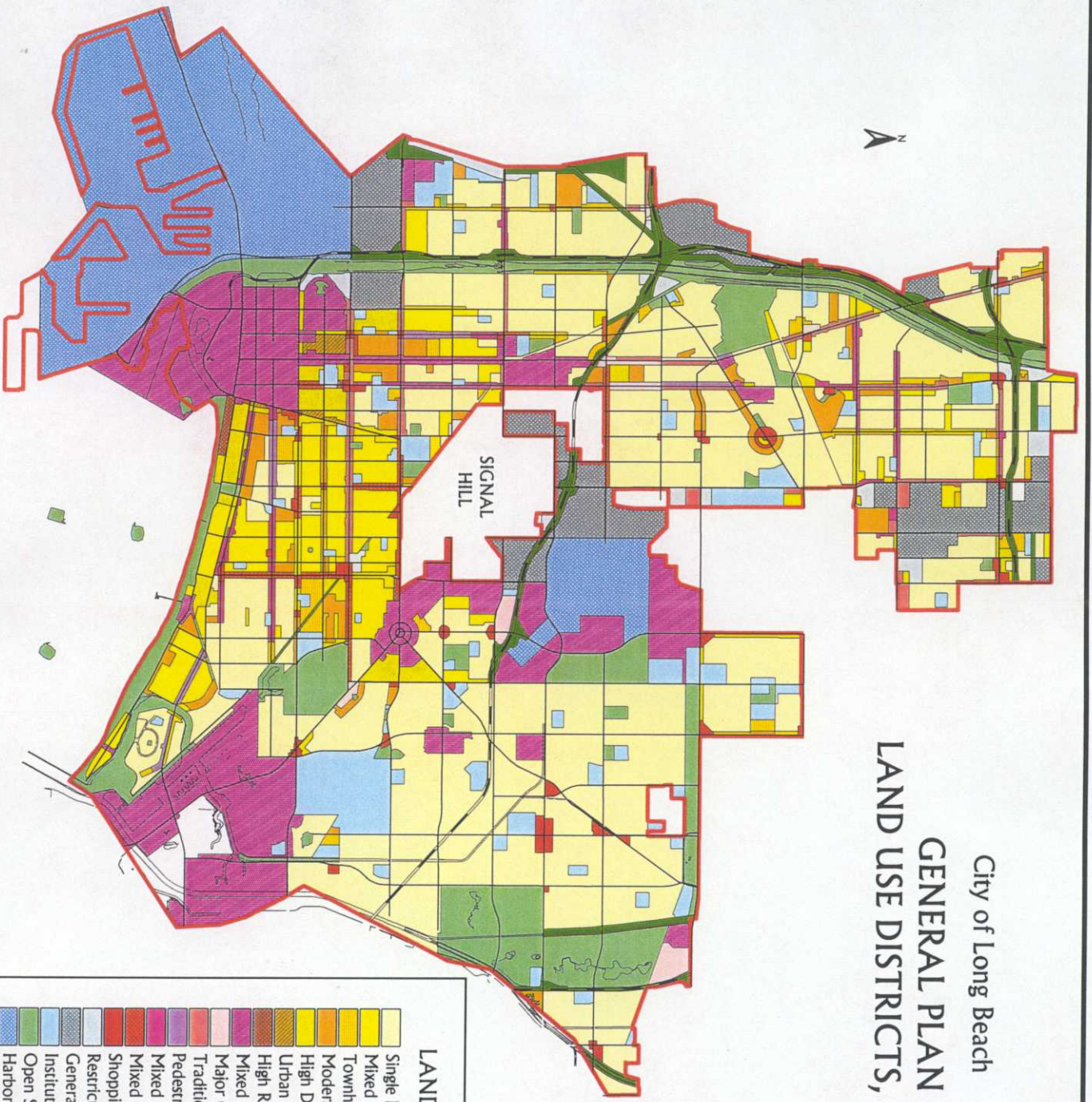
Bathrooms along river trail	2%
Bicycle Coordinator*	7%
Bicycle Advisory Committee	2%
Car doors opening bike lanes cause problems	2%
More funding (based on trips*)	5%
Bicyclists too aggressive	2%
Bicycle incentives*	4%
Adopt international bicycle standards	2%
Capital improvements comply with Bicycle Plan*	4%
All plans reviewed for Bicycle Plan compliance*	2%
New developments require shower and changing facilities*	2%
Turnouts for diagonal crossing*	2%

Appendix B
Survey Results (continued)

ROUTE	PERCENT
General Connectivity to all routes and lanes	2%
Westminster (connecting OC and SG River paths)**	2%
Relocate Nieto to Marine Stadium access to Ocean & 55 th **	2%
Ocean	4%
Los Coyotes Diagonal	2%
Clark	11%
PCH (improve)	11%
Bellflower	2%
LA River	2%
Willow	5%
Spring	5%
San Antonio	2%
Del Amo	4%
Atlantic	2%
Traffic Circle (improve)	2%
2 nd	9%
3 rd	2%
4 th	2%
7 th	5%
Riverbed Routes	14%
Beach bike path connections	2%
Any north/south routes	7%
Any east/west routes	7%
Bridge over Alamitos Bay	2%
Bridge Anaheim/PCH	2%
Bridge on Second to Belmont Shore	2%
To Palos Verdes	4%
Studebaker	2%
Ximeno (too narrow)	2%
Bicycle tunnel with lights under airport runways*	2%
Improve access points to paths*	2%
Broadway	4%
Toledo	4%
Bayshore	2%
Cerritos	2%
Colorado	2%
Anaheim	5%
Lakewood	2%
Stearns	2%
Atherton	2%
Carson	2%



City of Long Beach
GENERAL PLAN
LAND USE DISTRICTS, 2001



LAND USE DISTRICTS

- Single Family
- Mixed Style Homes
- Townhomes
- Moderate Density Residential
- High Density Residential
- Urban High density Residential
- High Rise Residential
- Mixed Uses
- Major Commercial Corridor
- Traditional Retail Strip Commercial
- Pedestrian-Oriented Retail Strip
- Mixed Retail/Residential Strip
- Mixed Office Retail/Residential Strip
- Shopping Nodes
- Restricted Industry
- General Industry
- Institutions/Schools
- Open Space/Parks
- Harbor/Airport
- Right-of-Way

Appendix D

Acronym List

1	AASHTO	American Association of Highway and Transportation Officials
2	ADA	American Disabilities Act
3	ADT	Average Daily Trips
4	BMP	Bicycle Master Plan
5	BTA	Bicycle Transportation Account
6	Caltrans	California Department of Transportation
7	CEQA	California Environmental Quality Act
8	CMAQ	Congestion Mitigation and Air Quality Improvement
9	ITE	Institute of Transportation Engineers
10	LACBC	Los Angeles County Bicycle Coalition
11	LACMTA	Los Angeles County Metropolitan Transportation Authority
12	LBATRA	Long Beach Area Transportation Resource Association
13	LBC	Long Beach Cyclists
14	MPO	Metropolitan Planning Organization
15	MUTCD	Manual on Uniform Traffic Control Devices
16	NHS	National Highway System
17	OTS	Office of Traffic Safety
18	RFP	Request For Proposal
19	RTP	Regional Transportation Plan
20	SCAG	Southern California Association of Governments
21	STP	Surface Transportation Program
22	SWITRS	Statewide Integrated Traffic Records System
23	TAC	Technical Advisory Committee
24	TDA	Transportation Development Act
25	TE Funds	Transportation Enhancement Funds
26	TEA	Transportation Enhancement Activities
27	TEA-21	Transportation Equity Act for the 21st Century